

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10. (Canceled)

11. (New) A single wedge wrench, comprising:

a handle; and

a head portion connected to the handle, comprising

a stationary jaw having a zigzag gripping surface;

an adjustable jaw having an inner surface opposite the zigzag gripping surface;

a wedge slidably connected to the adjustable jaw, the wedge having a guiding rail with a groove along a longitudinal direction of a mounting surface relative to the inner surface;

a spring positioned within the groove at a bottom portion thereof, the spring being connected to the adjustable jaw; and

a guiding slot disposed at the inner surface corresponding to the guiding rail so that the wedge can slidably move along the adjustable jaw.

12. (New) The wrench of claim 11 further comprising a joint member having a first section disposed in the groove and connected to the spring, and a second section located in a blind hole communicated with the guiding slot configured at the inner surface of the adjustable jaw.

13. (New) The wrench of claim 12, wherein a limitation element is provided at an open portion of the blind hole to confine the movement of the joint member.

14. (New) The wrench of claim 13, wherein the limitation element is a bolt, the bolt matching a thread provided at the open portion of the blind hole.

15. (New) The wrench of claim 13, wherein the limitation element is a rivet.

16. (New) A single wedge wrench, comprising:
a handle; and
a head portion connected to the handle, comprising
 a stationary jaw, having a zigzag gripping surface;
 an adjustable jaw having an inner surface opposite the zigzag gripping surface and a guiding rail having a groove along a longitudinal direction of the inner surface;
 a spring positioned within a bottom portion of the groove, the spring being connected to the adjustable jaw;
 a wedge slidably connected to the adjustable jaw having a mounting surface relative to the inner surface; and
 a guiding slot disposed at the mounting surface corresponding to the guiding rail so that the wedge can slidably move along the adjustable jaw.

17. (New) The wrench of claim 16 further comprising a joint member having a first section disposed in the groove and connected to the spring, and a second section located in a blind hole communicated with the guiding slot configured at the mounting surface of the wedge.

18. (New) The wrench of claim 17, wherein a limitation element is provided at an open portion of the blind hole to confine the movement of the joint member.

19. (New) The wrench of claim 18, wherein the limitation element is a bolt, the bolt matching a thread provided at the open portion of the blind hole.

20. (New) The wrench of claim 18, wherein the limitation element is a rivet.

21. (New) A single wedge wrench, comprising:
a handle; and
a head portion connected to the handle, comprising
a stationary jaw, having a zigzag gripping surface;
an adjustable jaw having an inner surface opposite the zigzag gripping surface; and
a wedge having a gripping surface, the wedge being slidably connected to the inner surface of the adjustable jaw through a joint member fixed to the inner surface, wherein the wedge has a sliding slot to receive the joint member so that the wedge can slidably move along the adjustable jaw.

22. (New) The wrench of claim 21 wherein the sliding slot has a recess at a bottom of the wedge, and a spring is disposed in the recess to connect the joint member,

23. (New) The wrench of claim 22 wherein a plate is provided to close one end of the sliding slot and one end of the recess.

24. (New) The wrench of claim 21, wherein the joint member is configured in the shape of an inverted trapeziform, and the sliding slot has such a shape that the joint member can slidably move therein.

25. (New) The wrench of claim 21, wherein the joint member is affixed to the inner surface by two screw bolts inserted into two screw holes at the inner surface and two apertures corresponding to the screw holes respectively at the joint member.

26. (New) The wrench of claim 24, wherein the joint member is affixed to the inner surface by two screw bolts inserted into two screw holes at the inner surface and two apertures corresponding to the screw holes respectively at the joint member.

27. (New) The wrench of claim 23, wherein an L-shaped groove is formed at one end portion of the fixed joint member having an upper portion and a lower portion, and the plate comprises an upper section embedded into the upper portion of the L-shaped groove and a lower section embedded into a lower portion of the L-shaped groove.

28. (New) The wrench of claim 24, wherein an L-shaped groove is formed at one end portion of the fixed joint member having an upper portion and a lower portion, and the plate comprises an upper section embedded into the upper portion of the L-shaped groove and a lower section embedded into a lower portion of the L-shaped groove.

29. (New) The wrench of claim 25, wherein an L-shaped groove is formed at one end portion of the fixed joint member having an upper portion and a lower portion and the plate comprises an upper section embedded into the upper portion of the

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L-shaped groove, and a lower section embedded into a lower portion of the L-shaped groove.

30. (New) The wrench of claim 21, wherein an angle between the inner surface and the gripping surface ranges from 10 degrees to 70 degrees.